


GODDARD SPACE FLIGHT CENTER		TASK ORDER (Instructions and Distribution on Reverse)		PAGE 1 OF 2
1. CONTRACTOR: SSAI	2. CONTRACT NO.: NNG12HP08C	3. TASK/REVISION NO.: Task Order #047		
4. JOB ORDER NO./PROJECT:	5. FLIGHT HARDWARE /SOFTWARE; CRITICAL GSA (IF, YES, OBTAIN BLOCK 16 CONCURRENCE): YES <input type="checkbox"/> X NO <input checked="" type="checkbox"/>	6. DESIGNATED FLIGHT ASSURANCE MGR.:		
7. DESCRIPTION OF WORK TO BE PERFORMED (OBJECTIVES OR RESULTS DESIRED): MODIS Data Analysis and Enhanced MODIS Airborne Simulator (eMAS)				
8. TASK DOCUMENTATION REQUIREMENTS/DELIVERABLE ITEMS: (See Attached Task Order)				
9. PERFORMANCE/MILESTONE SCHEDULE: May 1, 2015 – April 30, 2016				
10. QUALITY ASSURANCE REQUIREMENTS: N/A				
11. TRAVEL, MATERIALS, ETC., KNOWN TO BE REQUIRED: (See Attached Task Order)				
12. OTHER (FUNDING, NTE, HOURS, ETC.): Total Cost: Fee: Total Price: \$196,250				
13. TASK ORIGINATOR/MONITOR/CODE/PHONE: Steven Platnick/610.0/4-5636		18. THIS TASK ORDER IS ISSUED PURSUANT TO THE TERMS OF THE CONTRACT.		
14. BRANCH APPROVAL:	15. DIVISION CONCURRENCE:	 5/18/15 CONTRACTING OFFICER'S SIGNATURE/ DATE Ayana A. Briscoe		
16. CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE: Joel Susskind		Ayana A. Briscoe TYPED OR PRINTED NAME		
17. CONTRACTOR SIGNATURE:				

Science Systems and Applications, Inc.
NNG12HP08C
Task Order Statement of Work

Task Order Number: CY4_047_Rev0

Task Order Title: MODIS Data Analysis and Enhanced MODIS Airborne Simulator (eMAS)

1.0 Task Monitor (TM):

Name: Steven Platnick
Organization: 610: Earth Sciences Division
Email Address: steven.e.platnick@nasa.gov

2.0 Description of Work to be Performed

Support projects designed to study the microphysical, optical, and radiative properties of clouds using remote sensing observations obtained from the MODIS satellite and the Enhanced MODIS Airborne Simulator (eMAS) aircraft instrument:

- Analyze selected MODIS and eMAS images for cloud mask and subsequent cloud optical thickness and effective radius retrievals, and prepare output files for display and publication.
- Contribute to MODIS and eMAS cloud retrieval algorithm development and analysis.
- Support field deployment of the eMAS through data processing, visualization, and in-field analysis.
- General data analysis and visualization to support tMODIS cloud retrieval group efforts.

3.0 Special Requirements

None

4.0 Performance/Milestone Schedule

The SAS Contract Year 4 POP is May 01, 2015 - April 30, 2016

5.0 Deliverables/Reporting Requirements

- Contributions to scientific publications, workshops/conferences/symposia, both oral presentations and written contributions.
- Quarterly and annual reports.
- Delivery and availability of quality-controlled datasets and web-based material.
- Software and hardware documentation.
- Reports documenting participation in conferences, workshops, symposia, working groups and field activities.

6.0 Other Information Needed for Performance of Task

Local and domestic travel will be required for the Annual MODIS Science Team Meetings, Annual field Campaign science meetings and in support of airborne imager work.

7.0 Data Rights

N/A

8.0 Safety

Staff on this task shall comply with federal, state, local, and center safety regulations. This shall be accomplished through management emphasis, technical training, and personal responsibility. Staff shall participate in safety orientation and training in accordance with the contract Safety and Health Plan, and work within the requirements of that plan.

9.0 Risk

Contractor shall provide ongoing risk assessment and mitigation in performance of the Task Order. Priorities shall be re-evaluated as appropriate with the TM. Cost and schedule performance shall be assessed on a regular basis (no less frequently than monthly) and significant variations discussed and acted on in consultation with the TM and COR.

10.0 Proposed Cost and Fixed Fee

In accordance with Paragraph B.8 of the contract, propose the Cost and Fixed Fee amount.